

The Year 6 theme until half term is

## 'Short Circuit!'

This covers many areas of the curriculum as shown

**English** - During English lessons, class reader time and guided reading sessions, we will be reading stories, information books and watching video clips about the science related topic of electricity and light. Each class has borrowed a box of books from the Library so that we can dip into them whenever we wish!

These materials will also be used to aid us write a biography on life of important historical figures of the time, produce a descriptive narrative using an animation called 'The Lighthouse' and also create a Bonfire poem.

**Mathematics** - We will be having regular 'I Can Do Maths' sessions, as well as weekly Two Minute Mental Maths Challenges.

Our Maths this half term will cover: negative values, prime numbers, factors and multiples, converting measures and multiplying and dividing values using formal written methods. We will also be covering calculating the area of rectilinear shapes, volume, solving:pa problems involving statistics.



**Science** - As part of our science work, we will be focusing on electricity and light. Therefore we will look at electrical circuits and their symbols, as well as looking at the human eye, how light travels, shadows and reflections and refractions.

Year 6 will also taking part in an exciting excursion to Drax Power Station to help us learn all about where our electricity comes from.

**Art** - We will be learning how to design and make a Light. During this work we will learn more about building electrical circuits, as well as learning to appreciate the aesthetics of different types of lights. We will then use this information to design, using mathematic measurement our own light to create.

**Computing** - Our focus this half term will be to learn how to create a spreadsheet. This will be linked to our Christmas work though the pupils creating a budget for a festive Party.

**RE** - Our focus is to learn from two different religions about holy buildings.

**French** - We will be learning through oral and written sessions the French vocabulary for family members.

**Music** - We will be learning songs for the Christmas Church Service

After lunch on a Wednesday Year 6 pupils will be involved in an afternoon of activities designed to enrich the curriculum. Each class will take turns at all activities over the course of the year, these will include professional sports coaching, art P.E. and Life skills through the Change for Life program.